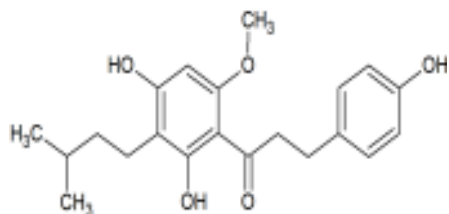


Tetrahydroxanthohumol

ALTERNATE NAME: TXN
Tetrahydro-XN

CATALOG #: B3340-5 5 mg
B3340-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₆O₅

MOLECULAR WEIGHT: 358.43

CAS NUMBER: N/A

APPEARANCE: Solid

PURITY: ≥98%

SOLUBILITY: DMSO

DESCRIPTION: Tetrahydroxanthohumol (TXN) is a synthetic derivative of the flavonoid antioxidant Xanthohumol (Cat. No. 2258). TXN attenuates high-fat diet-induced hepatic steatosis by antagonizing PPAR γ . A peroxisome proliferator activated receptor gamma (PPAR γ) competitive binding assay shows that TXN binds to PPAR γ with an IC₅₀ similar to pioglitazone and 8–10 times stronger than oleate. TXN has the potential to prevent or treat the neuro-metabolic impairments associated with HFD-induced obesity and metabolic syndrome (MetS) without risk of liver injury and adverse estrogenic effects.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

PPARG, Human Recombinant (P1120)
 PPAR γ Ligand Screening/Characterization Assay Kit (Fluorometric) (K437)
 GW 9662 (1697)
 Xanthohumol (2258)
 PPARG (Human) ELISA Kit (E4992)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*